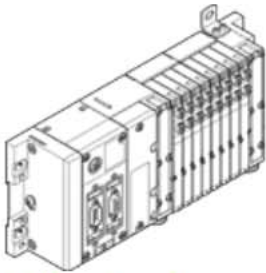


# Valve terminal MPA-FB-VI

Part number: 530411

FESTO

Valve terminal MPA with fieldbus connection.



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	values
Valve function	2/2 closed, monostable 2x3/2 closed, monostable 2x3/2 open, monostable 2x3/2 open/closed, monostable 3-way proportional-pressure regulator 3/2 closed, monostable 3/2 open, monostable 5/2 bistable 5/2 monostable 5/3 pressurised 5/3 exhausted 5/3 closed
Valve size	10 mm 20 mm
Max. standard nominal flow rate	360 l/min bei 10 mm 700 l/min bei 20 mm
Operating pressure	-0.9 ... 10 bar
Electrical connection	Fieldbus
Max. number of valve positions	64
Max. no. of pressure zones	17
Electrical I/O system	Yes
Ambient temperature	-5 ... 50 °C
Width	10 mm 20 mm
Protection class	IP66
Authorisation	c UL us - Recognized (OL)
Type of actuation	electrical
Flat silencer	at one end
Valve terminal type	32
Design structure	Piston slide Piston seat
Pilot air supply	external Internal
Valve terminal structure	Modular, valve sizes can be mixed
Switching position indicator	LED
Suitability for vacuum	Yes
Nominal operating voltage DC	24 V
Permissible voltage fluctuation	+/- 25 %
ATEX category Gas	II 3G

Feature	values
Explosion ignition protection type Gas	Ex nA IIC T4 X Gc
Explosion-proof ambient temperature	-5°C ≤ Ta ≤ +50°C
Explosion protection certification outside the EU	GOST-R EPL Dc GOST-R EPL Gc
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
CE mark (see declaration of conformity)	to EU directive for EMC to EU directive explosion protection (ATEX)
Corrosion resistance classification CRC	1
Storage temperature	-20 ... 40 °C
Medium temperature	-5 ... 50 °C
Materials note	Conforms to RoHS